

ANACOSTIA WATERSHED RESTORATION PROJECT

Baltimore District – U.S. Army Corps of Engineers

Hyattsville City Council Meeting

May 20, 2024

7:00 PM – 8:00 PM



Angela D. Alsobrooks
County Executive



US Army Corps
of Engineers



AGENDA

- 1. Intro & Project Overview
- 2. Design Progress Update
- 3. Design & Construction Schedule Outlook
- 4. Questions / Discussion



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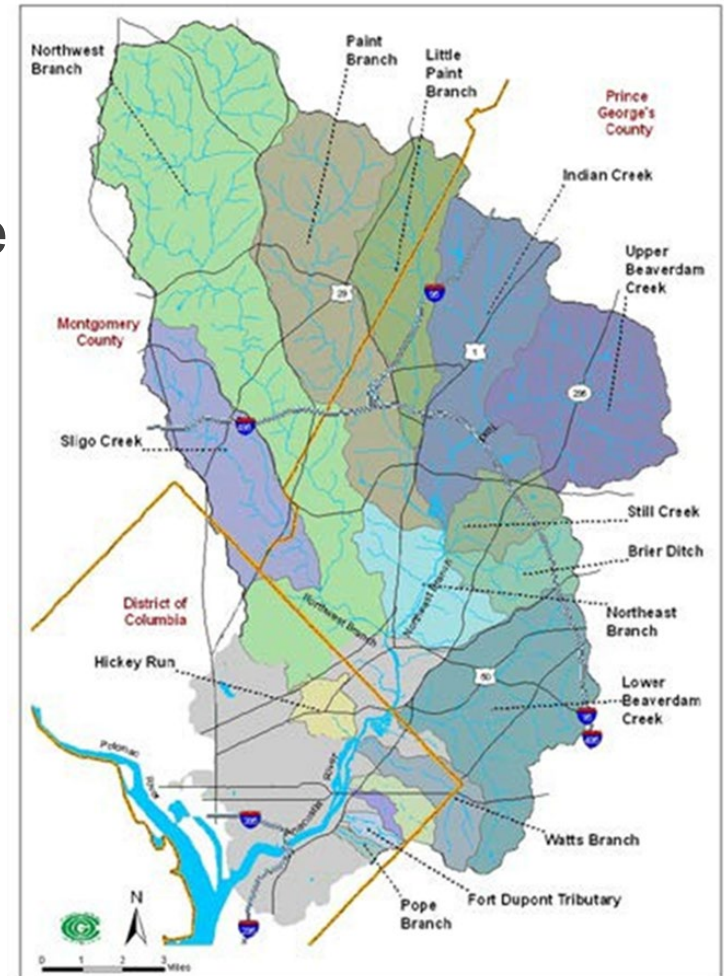


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THE ANACOSTIA WATERSHED

- 14 major sub-watersheds and the tidal basin, all located within the metropolitan Washington, DC region
- 176 square miles in Montgomery and Prince George's counties, Maryland, and the District of Columbia
- The Anacostia River Watershed Restoration Plan was released in February 2010 to guide efforts to protect, improve and restore the watershed



WATERSHED ISSUES

- Significant Erosion
- Channel instability and channelization
- Barriers to fish passage – 80 to 90% of anadromous fish range currently impeded
- Poor Water Quality
- Degraded habitat for fish and macroinvertebrates

WATERSHED ISSUES



Fish blockages



Channel instability, erosion and scour



*Channelization



*Channelization, homogeneous habitat

WATERSHED ISSUES



Photos Courtesy of Baird & Stantec Team



PROJECT DRIVERS - FISH PASSAGE AND HABITAT RESTORATION

7



alewife herring (*Alosa pseudoharengus*)



american shad (*Alosa sapidissima*)



native trout (*Salmo* species)



blueback herring (*Alosa aestivalis*)



hickory shad (*Alosa mediocris*)



american eel (*Anguilla rostrata*)

PROJECT DRIVERS – SIGNIFICANT AREAS OF EROSION, SCOUR, AND SEDIMENTATION

Sites 3 & 9



Site 13



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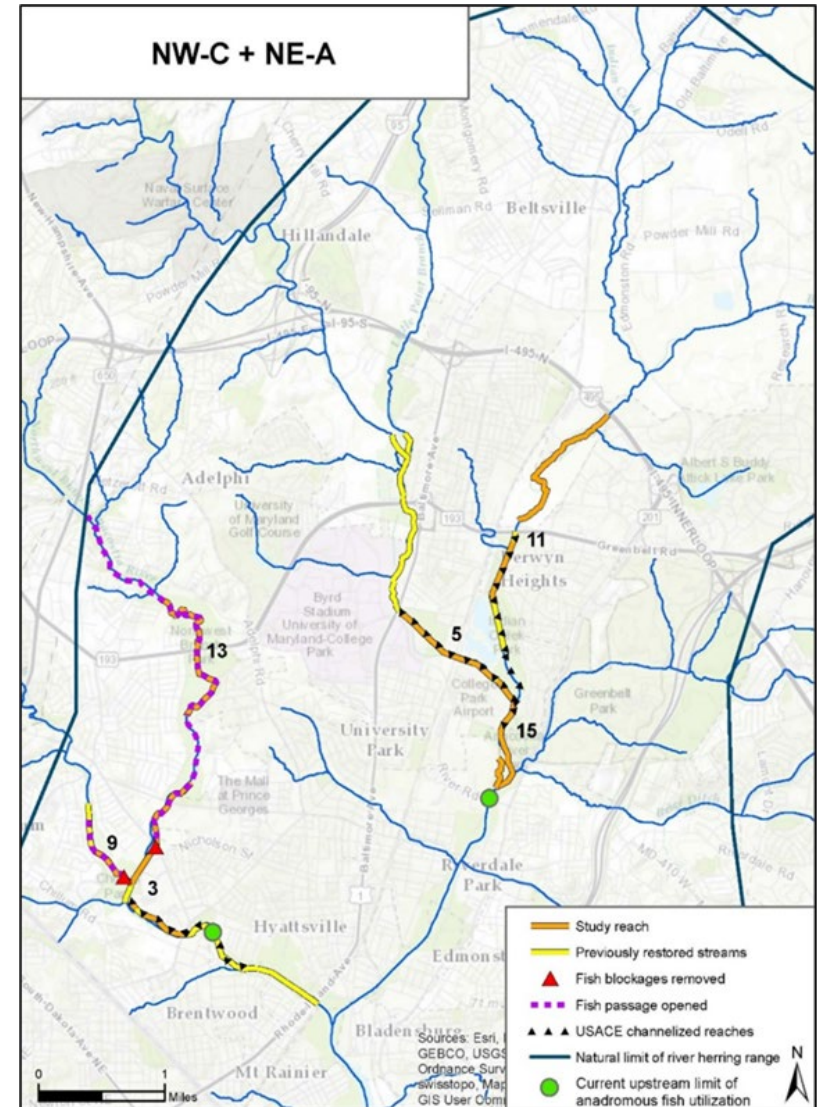


PROJECT OVERVIEW

- Feasibility Study initiated in January 2014, leading to a signed Chief's Report in December 2018
- Project Authorization: Section 401(5) of the Water Resources Development Act (WRDA) of 2020
- Congress authorized construction of seven miles of in-stream habitat, four miles of fish passage, and the connection of 14 miles of previously restored habitat

PROJECT GOALS

- Stabilize and restore stream banks
- Prevent future erosion
- Improve fish passage and eliminate barriers to migration
- Improve in-stream habitat for fish and invertebrates
- Promote sediment transport
- Reduce flooding



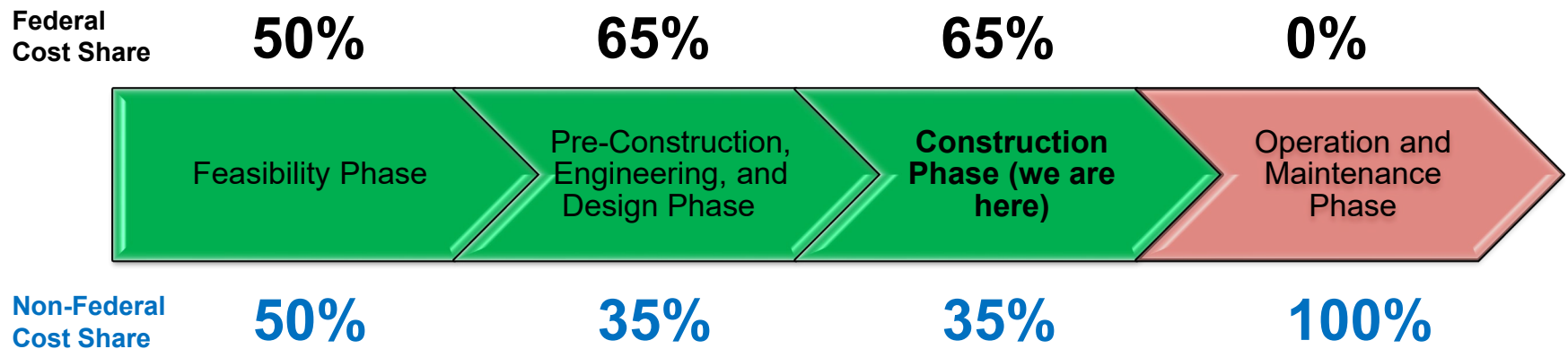
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USACE CIVIL WORKS PROJECT DEVELOPMENT



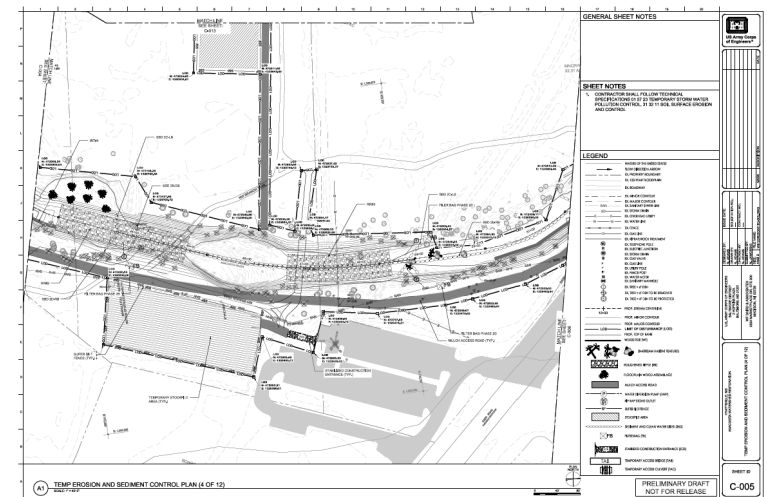
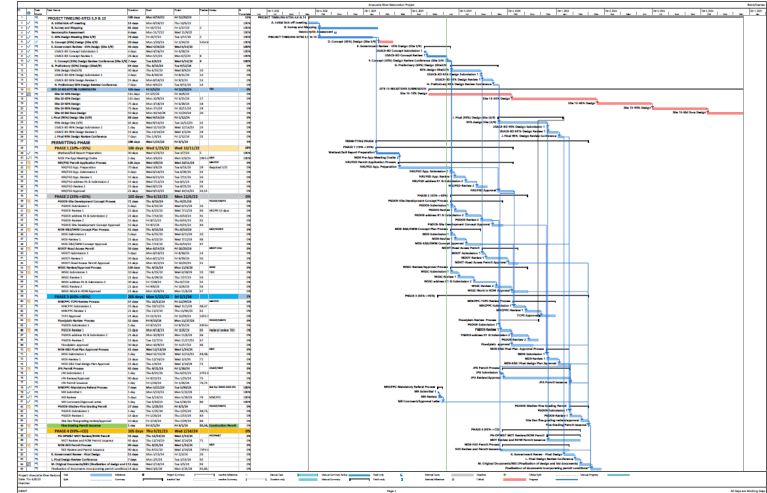
PROJECT STATUS

- Currently in Construction Phase – Project Partnership Agreement (PPA) executed 15 Dec 2022
- Continuing design work for Sites 3, 9, & 13
- Relocating Site 13 pedestrian bridge in late 2024 / early 2025
- Awarding AE Design Task Order for Sites 5, 11, and 15 in spring 2025

SITES 3 & 9 STATEMENT OF WORK & STATUS OF DELIVERABLES

Tasks Completed

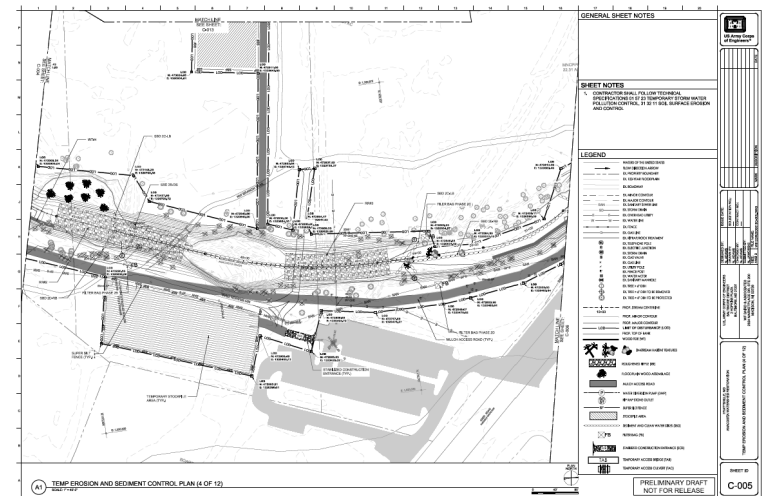
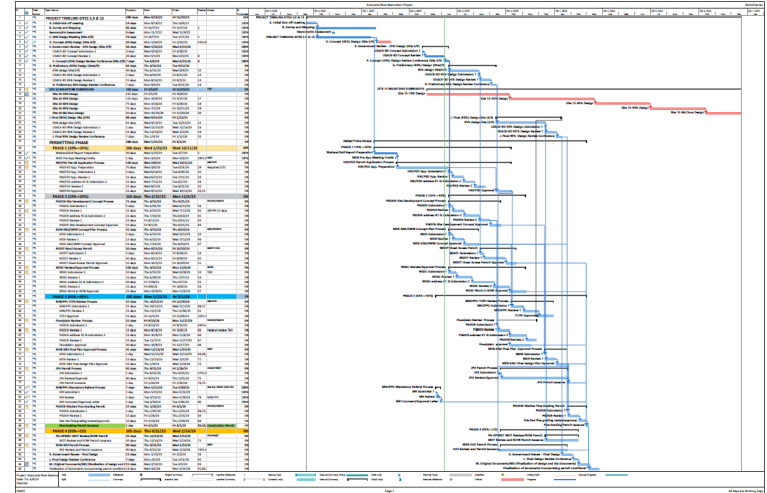
- Quality Control Plan
- Project Work Plan Schedule
- Construction Cost Estimate
- Task 1 – Topographic Survey
- Task 2 – Hydraulic & Hydrologic Modeling
- Task 3 Geotechnical Investigation
- Task 4 – Structural Engineering
- Task 5 – Environmental Permitting
- Task 6 – 10% Restoration Concept Plan
- Task 7 – Design Documentation Report
- Task 8 - 35% Concept Design Submission
- Task 9 - 65% Preliminary Design



SITES 3 & 9 - STATEMENT OF WORK & STATUS OF DELIVERABLES

Tasks Remaining

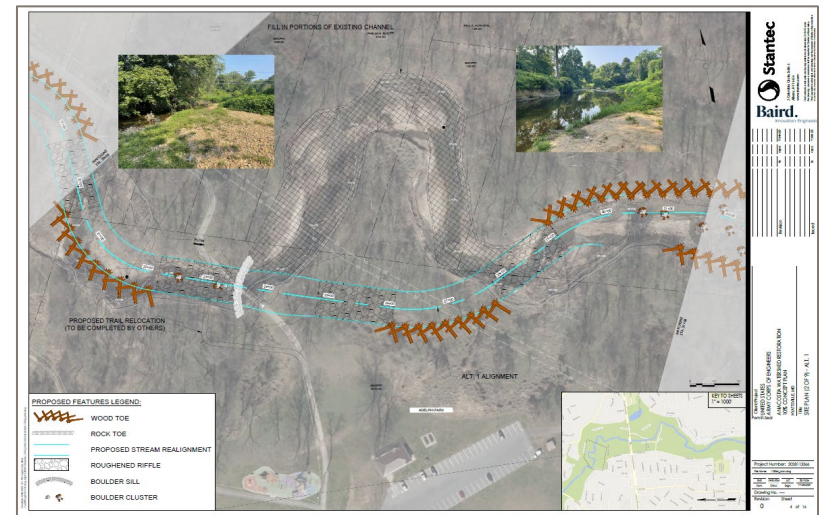
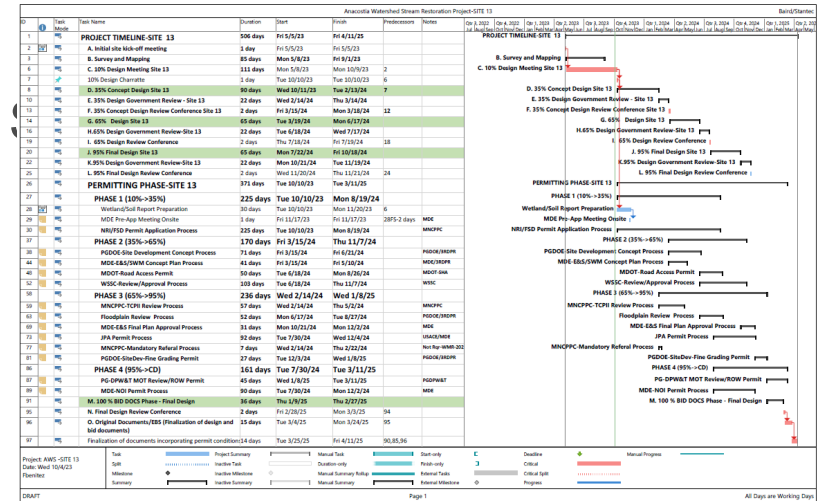
- Task 10 - 95% Final Design (needs 3rd party review)
- Task 11 – 100% Documents - TBD



SITE 13 STATEMENT OF WORK & STATUS OF DELIVERABLES

Tasks Completed

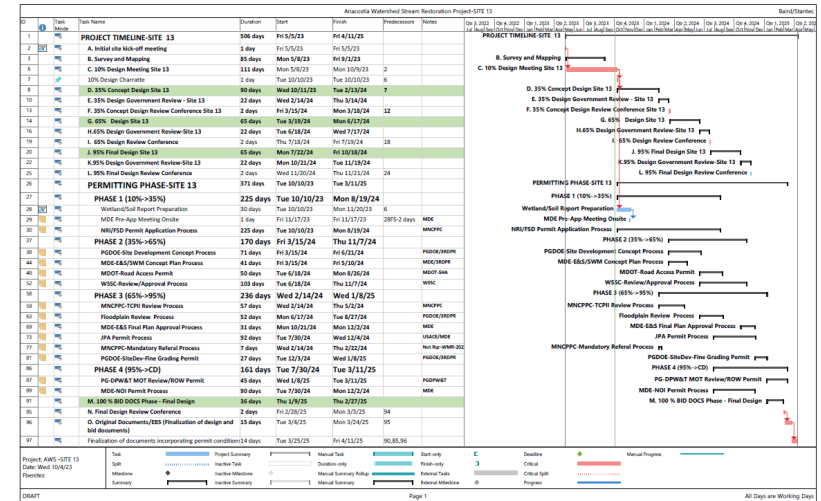
- Quality Control Plan
- Project Work Plan Schedule
- Construction Cost Estimate
- Task 1 – Topographic Survey
- Task 2 – H&H Modeling
- Tasks 3 & 4 – Not Required
- Task 5 – Env. Permitting
- Task 6 – 10% Restoration Concept Plan
- Task 7 - Design Documentation Report
- Task 8 - 35% Concept Design



SITE 13 STATEMENT OF WORK & STATUS OF DELIVERABLES

Tasks Remaining

- Task 9 - 65% Preliminary Design Submission (June 17th)
- Task 10 - 95% Final Design (Oct. 18th) – Needs 3rd party review
- Task 11 – 100% Documents (Feb. 27th, 2025)



PROJECT SCHEDULE

Task	Date
Award Pedestrian Bridge Construction Contract	31 Aug 2024
Award Design Task Order – Sites 5, 11, and 15	28 Mar 2025
Award Construction Contract – Sites 3, 9, & 13	07 Nov 2025
Award Construction Contract – Sites 5, 11, & 15	30 Jun 2027
Construction Completion – Sites 3, 9, & 13	29 Mar 2027
Construction Completion – Sites 5, 11, & 15	30 Aug 2028
Project Closeout	29 Dec 2028



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PROJECT LINK

<https://www.nab.usace.army.mil/Missions/Environmental/Anacostia-Watershed-Restoration/>



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QUESTIONS?

U.S. Army Corps of Engineers, Baltimore District

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